2020 Q1 Net Metering Quarterly Reporting Summary

Indiana's net metering rules became effective in March 2005 and established a minimum standard for the net metering offering required of utilities. It also set out the program participation requirements for eligible customers and utilities.

At the direction of the Indiana General Assembly, the Commission revised its rules in 2011 and raised the minimum standard offering by expanding the eligibility to more facilities and to all customer classes. At a minimum, as defined in 170 IAC 4-4.2, a net metering customer is a customer in good standing who owns and operates an eligible net metering energy resource[1] on their premises with a nameplate capacity[2] of less than or equal to 1 MW. This capacity must be used primarily to offset all or part of the customer's annual electricity requirements.

Senate Enrolled Act 309 of 2017 directed the Commission to revise its rules to increase the availability of net metering to an aggregate amount of nameplate capacity of 1.5% of a utility's summer peak load[3] [4]. Further, of this amount of available capacity 40% is to be reserved for residential customers and 15% for organic waste biomass facilities[5]. After these capacity reservations, an amount equivalent to 0.675% of summer peak load is available for non-biomass commercial, industrial, and school customers[6].

In light of increasing net metering participation the Commission held an Informational Collaborative meeting with stakeholders which led to the approval of General Administrative Order 2019-2[7]. One directive from that Order called for investor-owned utilities (IOUs) to provide quarterly updates on their net metering participation.

This report summarizes the net metering quarterly reports filed by each of the IOUs to reflect the participation as of March 31, 2020.

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[1] Eligible net metering energy resources include wind, solar, hydro, fuel cells, hydrogen, organic waste biomass and dedicated crops powered generation [*170 IAC 4-4.2-1(d) and IC 8-1-37-4(a)(1)-(8)*].

[2] Nameplate capacity is the full-load continuous rating of a generator as designated by the manufacturer.

[3] IC 8-1-40-10 and IC 8-1-40-12(a)(1).

[4] The previous Commission rules required availability to an aggregate amount of nameplate capacity of 1% of a utility's summer peak load.

[5] IC 8-1-40-12(a)(2).

[6] In this report we refer to this available capacity as the Non-reserved Nameplate Capacity.

[7] The Informational Collaborative Meeting was held on April 10, 2019, and GAO 2019-2 was adopted on August 29, 2019.

Utility and statewide comparative data are presented on the following pages, while the individual utility net metering summary reports are included in Appendix A.

Summary of Figures and Tables[8]

Table 1. Nameplate Capacity by utility and by resource type, March 31, 2020

	Total (kW)	Solar (kW)	Wind (kW)[9]	Biomass (kW)
Duke Energy Indiana	39,813	35,464	4,349	0
NIPSCO	26,180	23,983	2,198	0
I&M	14,255	13,858	157	240
Vectren	10,980	10,964	16	0
IPL	3,905	3,855	50	0
Total	**95,132**	**88,124**	**6,770**	**240**

[8] Values compiled and presented in the tables may have been rounded to the nearest integer and may not sum directly.

[9] Customers and capacity identified as dual (i.e. composed of both solar and wind) are grouped with the wind resources.

Table 2. Nameplate Capacity relative to 1.5% of peak load by utility, March 31, 2020

	2019 Summer Peak Load (kW)	March 31, 2020 Net Metering Capacity (kW)	Percent of available Total Net Metering Capacity Consumed	Remaining Net Metering Capacity under 1.5% threshold (kW)
Vectren	1,054,400	10,980	69%	4,836
NIPSCO	3,133,260	26,180	56%	20,819
Duke Energy Indiana	5,207,000	39,813	51%	38,292
I&M	3,465,000	14,255	27%	37,720
IPL	2,737,000	3,905	10%	37,150
Total	**15,596,660**	**95,132**	**41%**	**138,817**

Table 3. Non-reserved Nameplate Capacity relative to the available 0.675% of peak load by utility, March 31, 2020

	2019 Summer Peak Load (kW)	March 31, 2020 Non-reserved Net Metering Capacity (kW)	Percent of available Non-reserved Net Metering Capacity Consumed	Remaining Non-reserved Net Metering Capacity under 0.675% of peak load (kW)
NIPSCO	3,133.260	22,327	106%	NIPSCO has elected to provide additional non-reserved capacity
Duke Energy Indiana	5,207,000	30,738	87%	4,409
Vectren	1,054,400	5,421	76%	1,696
I&M	3,465,000	9,384	40%	14,005
IPL	2,737,000	1,928	10%	16,547
Total	**15,596,660**	**69,798**	**66%**	**35,479**

Table 4. Customer and Nameplate Capacity by customer class, March 31, 2020

	Duke Energy Indiana	I&M	IPL	NIPSCO	Vectren	Total
Residential Customers	1,301	513	300	445	537	**3,096**
Residential kW	9,075	4,631	1,977	3,853	5,559	**25,095**
Commercial Customers	198	79	29	118	68	**492**
Commercial kW	17,905	3,496	928	8,913	4,317	**35,559**
Industrial Customers	8	4	1	0	0	**13**
Industrial kW	376	1,236	1,000	0	0	**2,611**
School Customers	47	16	0	29	5	**97**
School kW	12,457	4,892	0	13,414	1,104	**31,867**

Appendix A; IOU Submitted Net Metering Quarterly Summary Reports

Indiana Utility Regulatory Commission – Net Metering Report Summary
Q1 2020 Report

Utility Name:	Duke Energy Indiana, LLC
Contact Name:	Kelley Karn
Phone Number:	317-838-2461
Email:	Kelley.Karn@duke-energy.com
Calendar Year/Quarter:	Calendar Year 2020 / 2020 Q1
Summer Peak Load for 2019(year):	5207 MW
Total Number of Eligible* Net Metering Customers:	1554[1]
Total Number of Eligible* Net Metering Facilities:	1554
Number and Size of Solar Facilities – aggregate capacity:	1515 and 35,464.06 kW
Number and Size of Wind Facilities – aggregate capacity:	28 and 2,188.4 kW
Number and Size of Organic Waste Biomass Facilities – aggregate capacity:	0 and 0
Number and Size of Other Qualifying Facilities – aggregate capacity:	11 and 2,160.26 [2]
Number of New Net Metering Customer Interconnections:	31(Q1 2020)
Number of Previous Net Metering Customers who left the program in the calendar year:	2
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	Not Available
List Any System Emergency Disconnections that occurred, and an explanation of each:	No emergency disconnections

*(i.e., operating participants as of end of quarter)

[1] Due to automation of the report and availability of data, Number of Customers is equivalent to Number of Facilities based on number of billing accounts.

[2] Due to automation of the report and data availability, the "Other" Qualifying Facilities is made up of Solar/Wind Hybrid projects which are included in the system combined as opposed to separate facilities.

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	**kW**	**Customer Class**
	1301	9,074.81	Residential
	198	17,905.48	Commercial
	8	375.75	Industrial
	47	12,456.67	Schools
Total	1554	39,812.72	

Any discrepancies between this report and previous are the result of a change in source in order to automate and provide the report quarterly. The previous data was manual. It is now pulled from Duke Energy Indiana's source of record for Interconnection Projects.

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Indiana Michigan Power Company
Contact Name:	Tanner Guthrie
Phone Number:	260-408-3686
Email:	tlguthrie@aep.com
Calendar Year/Quarter:	2020 1st Quarter
Summer Peak Load for 2019:	3,465 MW
Total Number of Eligible* Net Metering Customers:	612
Total Number of Eligible* Net Metering Facilities:	612
Number and Size of Solar Facilities – aggregate capacity:	574 facilities with 13,858 kW aggregate capacity
Number and Size of Wind Facilities – aggregate capacity:	37 facilities with 157 kW aggregate capacity
Number and Size of Organic Waste Biomass Facilities – aggregate capacity:	1 facility with 240 kW capacity
Number and Size of Other Qualifying Facilities – aggregate capacity:	N/A
Number of New Net Metering Customer Interconnections:	48
Number of Previous Net Metering Customers who left the program in the calendar year:	N/A
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	N/A
List Any System Emergency Disconnections that occurred, and an explanation of each:	N/A

***(i.e., operating participants as of end of quarter.)**

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	**kW**	**Customer Class**
	513	4,631	Residential
	79	3,496	Commercial
	4	1,236	Industrial
	16	4,892	Schools
Total	612	14,255	

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Indianapolis Power & Light Company
Contact Name:	Austin Baker
Phone Number:	317-261-3601
Email:	austin.baker@aes.com
Calendar Year/Quarter:	2020/Q1 – period ending March 31, 2020
Summer Peak Load for 2019:	2,737 MW
Total Number of Eligible* Net Metering Customers:	326
Total Number of Eligible* Net Metering Facilities:	330
Number and Size of Solar Facilities – aggregate capacity:	329, 3,855 kW
Number and Size of Wind Facilities – aggregate capacity:	1, 50 kW
Number and Size of Organic Waste Biomass Facilities – aggregate capacity:	0, 0 kW
Number and Size of Other Qualifying Facilities – aggregate capacity:	0, 0 kW
Number of New Net Metering Customer Interconnections:	48 New Net Metered Customers– 3 months ended 3/31/20
Number of Previous Net Metering Customers who left the program in the calendar year:	3 Net Metered Customers have left since 12/31/19
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	139.4 MWh -net amount exported to IPL YTD
List Any System Emergency Disconnections that occurred, and an explanation of each:	None

***(i.e., operating participants as of end of quarter.)**

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	**kW**	**Customer Class**
	300	1,977	Residential
	29	928	Commercial
	1	1,000	Industrial
	0	0	Schools
Total	330	3,905	

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Northern Indiana Public Service Company LLC
Contact Name:	Alison Becker, Manager, Regulatory Policy
Phone Number:	317.684.4910
Email:	abecker@nisource.com
Calendar Year/Quarter:	2020/1st Quarter (Ending March 31, 2020)
Summer Peak Load for *2019*:	3,133,260 kW
Total Number of Eligible* Net Metering Customers:	592
Total Number of Eligible* Net Metering Facilities:	618
Number and Size of Solar Facilities – aggregate capacity:	582 (23,983kW)
Number and Size of Wind Facilities – aggregate capacity:	29 (1,905 kW)
Number and Size of Organic Waste Biomass Facilities – aggregate capacity:	None
Number and Size of Other Qualifying Facilities – aggregate capacity:	7 Combined Solar/Wind Facilities (293 kW)
Number of New Net Metering Customer Interconnections:	60 customers and 69 facilities**
Number of Previous Net Metering Customers who left the program in the calendar year:	0
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	3,745,861 kW***
List Any System Emergency Disconnections that occurred, and an explanation of each:	0****

***(i.e., operating participants as of end of quarter.)**
****Added between January 1 and March 31, 2020**
*****Generated between January 1 and March 31, 2020**
******Emergency disconnections between January 1 and March 31, 2020**

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	**kW**	**Customer Class**
	445	3,853	Residential
	118	8,913	Commercial
	0	0.0	Industrial
	29	13,414	Schools
Total	592	26,180	

(all amounts rounded to the nearest kW)

Indiana Utility Regulatory Commission – Net Metering Report Summary

Utility Name:	Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc., a CenterPoint Energy Company
Contact Name:	Brian Ankenbrand
Phone Number:	(812) 491-4154
Email:	Brian.Ankenbrand@centerpointenergy.com
Calendar Year/Quarter:	2020 1st Quarter
Summer Peak Load for 2019:	1,054.4MW
Total Number of Eligible* Net Metering Customers:	610
Total Number of Eligible* Net Metering Facilities:	610
Number and Size of Solar Facilities – aggregate capacity:	607-10,963.517 kW
Number and Size of Wind Facilities – aggregate capacity:	3-16.2 kW
Number and Size of Organic Waste Biomass Facilities – aggregate capacity:	0
Number and Size of Other Qualifying Facilities – aggregate capacity:	0
Number of New Net Metering Customer Interconnections:	53
Number of Previous Net Metering Customers who left the program in the calendar year:	1
Data on the Amount of Electricity Generated by Net Metering Facilities (net) (if available):	N/A
List Any System Emergency Disconnections that occurred, and an explanation of each:	N/A

***(i.e., operating participants as of end of quarter.)**

Total Number of Eligible Net Metering Customers by Customer Class:			
	Number of Customers:	**kW**	**Customer Class**
	537	5558.757	Residential
	68	4316.56	Commercial
	0	0	Industrial
	5	1104.4	Schools
Total	610	10,979.717	